

### AMENDMENTS TO THE SPECIFICATION

Replace the paragraphs at page 22, line 16, through equation at page 23, line 1 as follows:

~~Excitation signal restoring circuit 2610 receives, as its input, the smoothed gain  $[g_{exc}(j), j=0, \dots, (N_{sfr} \cdot N_{ssfr} - 1)]$  from smoothing circuit 1320 and the shape vector  $\left[ e_{(exc)}^{(m)}(i), i=0, \dots, (L_{sfr} / N_{ssfr} - 1), j=0, \dots, (N_{sfr} \cdot N_{ssfr} - 1) \right]$  from excitation signal normalizing circuit 2510, calculates a smoothed excitation vector with the following equation, and outputs the excitation vector to storage circuit 1240 and to synthesizing filter 1040:~~

$$\hat{x}_{exc}^{(m)} \left( l \cdot \frac{L_{sfr}}{N_{ssfr}} + i \right) = g_{exc}(m \cdot N_{ssfr} + 1) \cdot s_{exc}^{(m \cdot N_{ssfr} + 1)}(i)$$

Excitation signal restoring circuit 2610 receives, as its input, the smoothed gain  $[\bar{g}_{exc}(j), j=0, \dots, (N_{sfr} \cdot N_{ssfr} - 1)]$  from smoothing circuit 1320 and the shape vector  $\left[ s_{(exc)}^{(m)}(i), i=0, \dots, (L_{sfr} / N_{ssfr} - 1), j=0, \dots, (N_{sfr} \cdot N_{ssfr} - 1) \right]$  from excitation signal normalizing circuit 2510, calculates a smoothed excitation vector with the following equation, and outputs the excitation vector to storage circuit 1240 and to synthesizing filter 1040:

$$\hat{x}_{exc}^{(m)} \left( l \cdot \frac{L_{sfr}}{N_{ssfr}} + i \right) = \bar{g}_{exc}(m \cdot N_{ssfr} + 1) \cdot s_{exc}^{(m \cdot N_{ssfr} + 1)}(i)$$